

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037828.D
 Acq On : 19 Sep 2025 23:26
 Operator : RC/JU
 Sample : Q3127-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 00:06:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

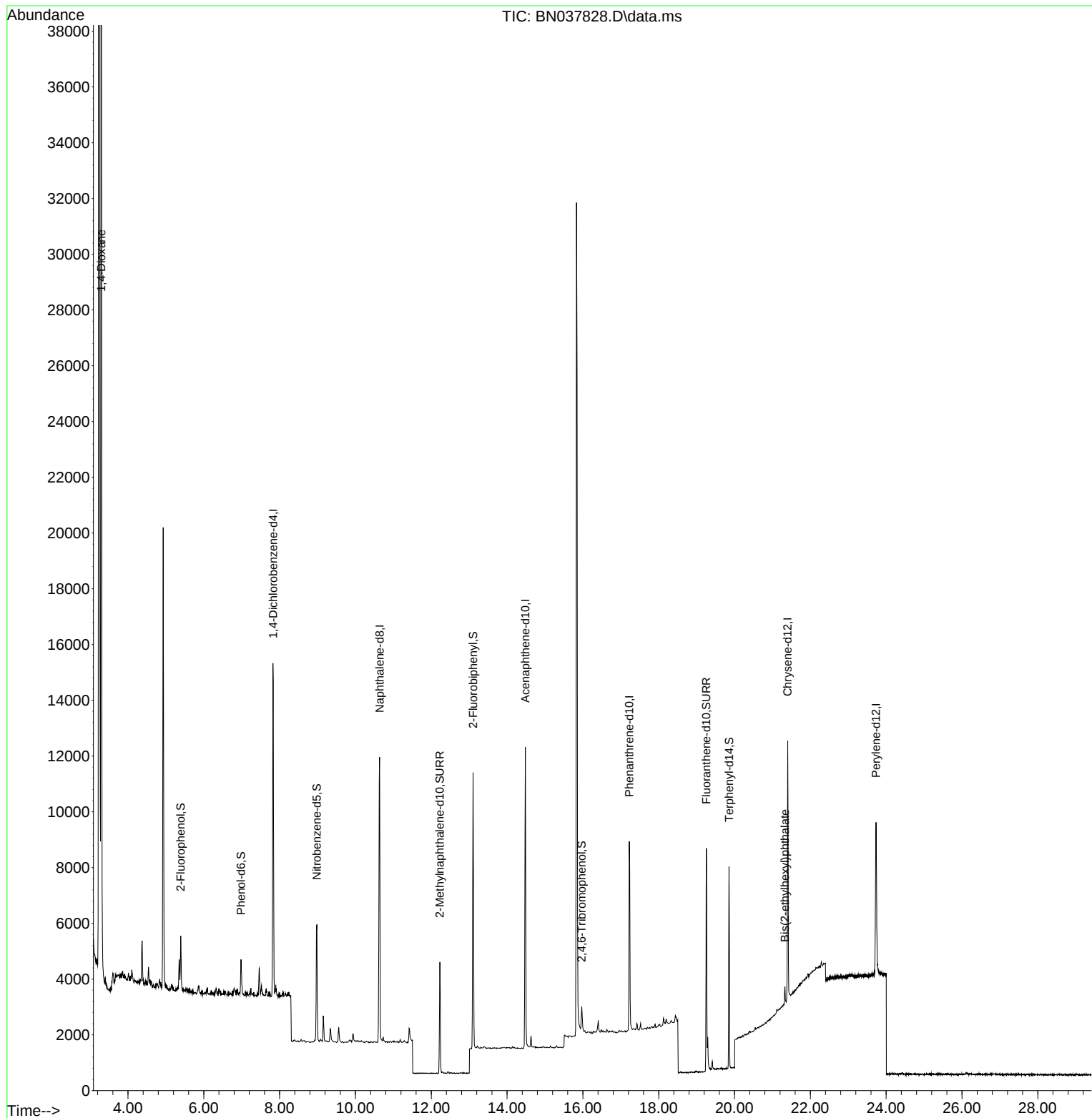
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5353	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	14239	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	5937	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10146	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8206	0.400	ng	#-0.02
35) Perylene-d12	23.733	264	7941	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1512	0.123	ng	0.00
5) Phenol-d6	6.981	99	1103	0.069	ng	0.00
8) Nitrobenzene-d5	8.982	82	3470	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	5369	0.285	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	549	0.355	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8181	0.329	ng	-0.01
27) Fluoranthene-d10	19.257	212	8661	0.340	ng	-0.01
31) Terphenyl-d14	19.857	244	6418	0.385	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	29411	5.275	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	753	0.089	ng	# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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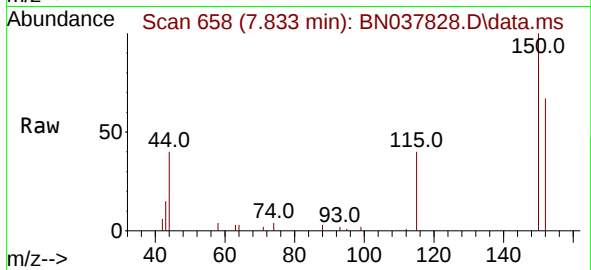
Quant Time: Sep 20 00:06:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



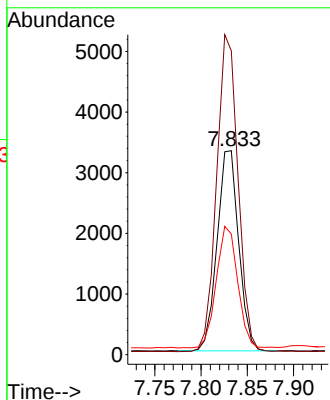
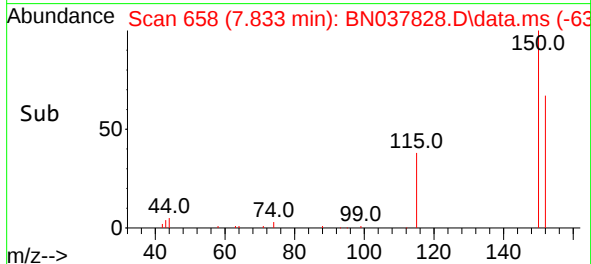


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037828.D
 Acq: 19 Sep 2025 23:26

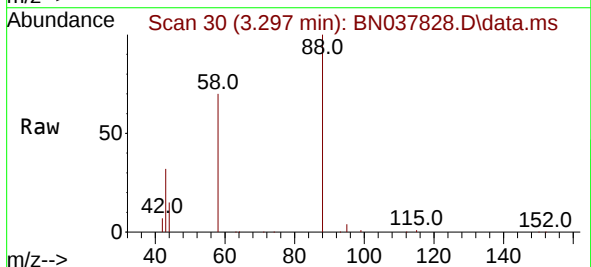
Instrument :
 BNA_N
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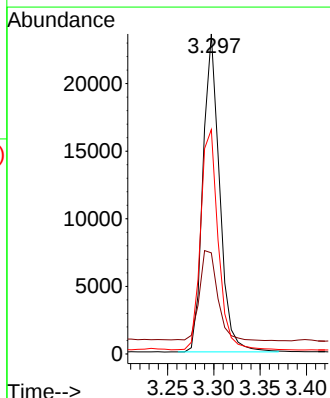
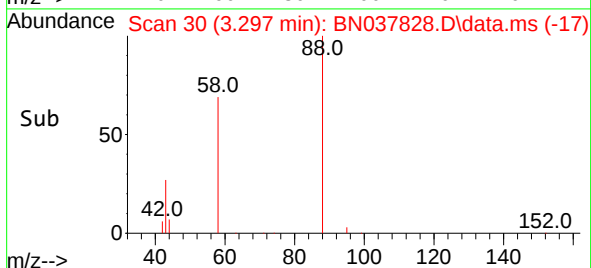
Tgt Ion:152 Resp: 5353
 Ion Ratio Lower Upper
 152 100
 150 148.9 124.5 186.7
 115 59.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 5.275 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037828.D
 Acq: 19 Sep 2025 23:26



Tgt Ion: 88 Resp: 29411
 Ion Ratio Lower Upper
 88 100
 43 31.3 26.8 40.2
 58 73.2 61.9 92.9

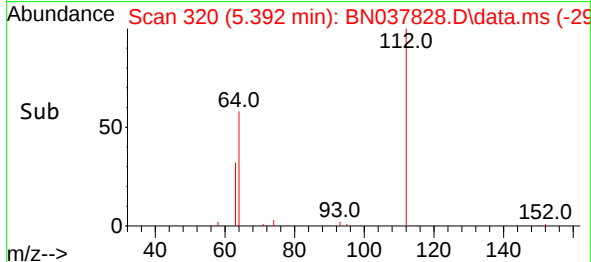
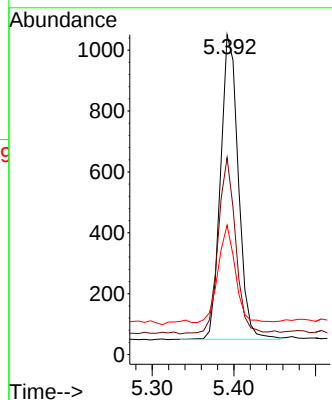
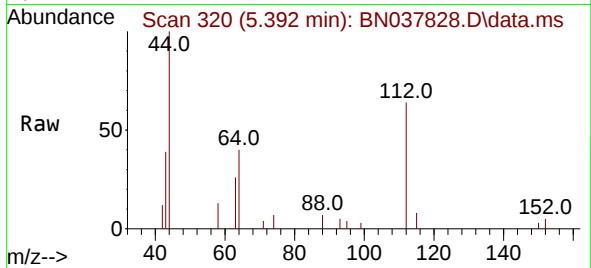




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

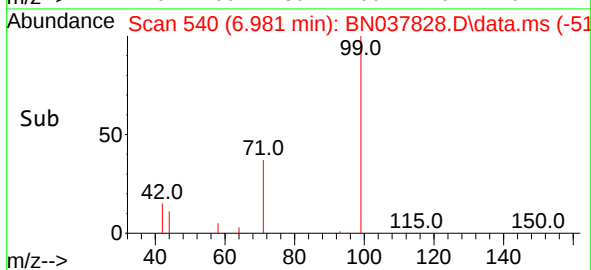
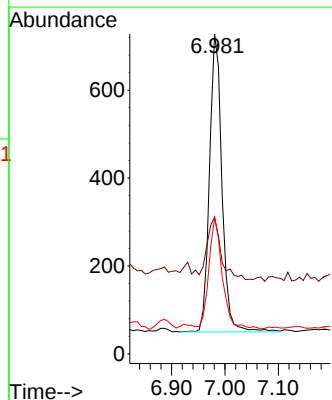
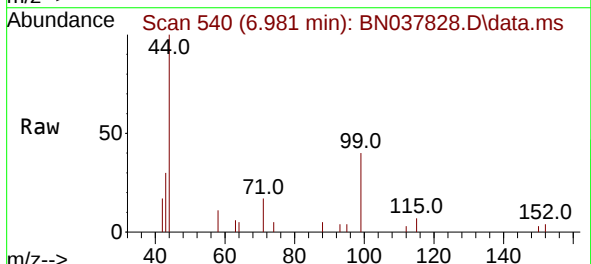
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1512
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 32.5 24.7 37.1



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

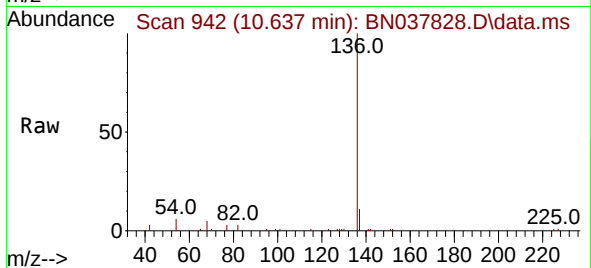
Tgt Ion: 99 Resp: 1103
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 40.2 26.7 40.1#



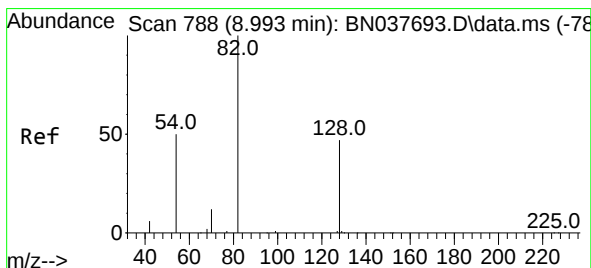
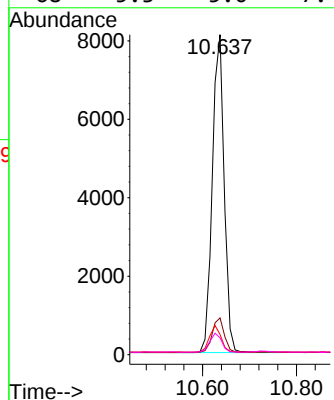


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

Instrument :
BNA_N
ClientSampleId :

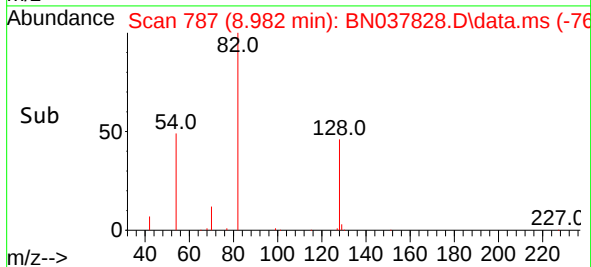
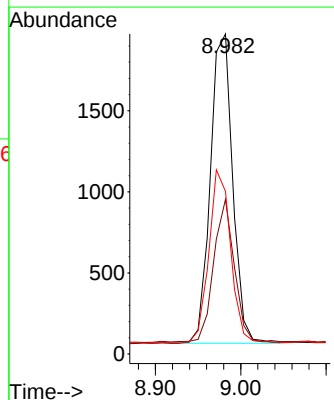
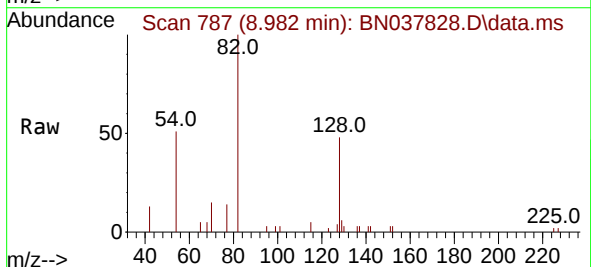


Tgt Ion:136	Resp:	14239
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.1 13.7
54	6.3	6.3 9.5#
68	5.3	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

Tgt Ion: 82	Resp:	3470
Ion	Ratio	Lower Upper
82	100	
128	48.3	38.3 57.5
54	50.8	41.4 62.2





#11

2-Methylnaphthalene-d10

Concen: 0.285 ng

RT: 12.228 min Scan# 1165

Delta R.T. -0.015 min

Lab File: BN037828.D

Acq: 19 Sep 2025 23:26

Instrument :

BNA_N

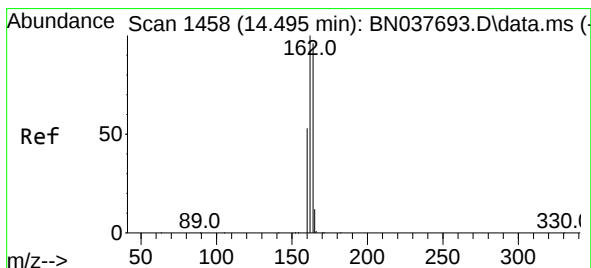
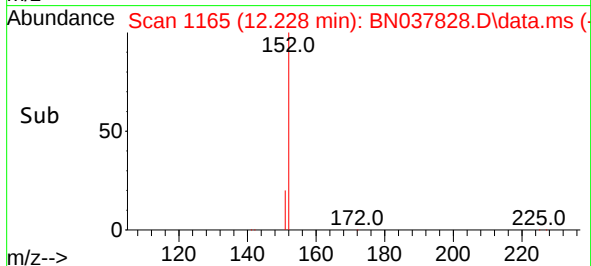
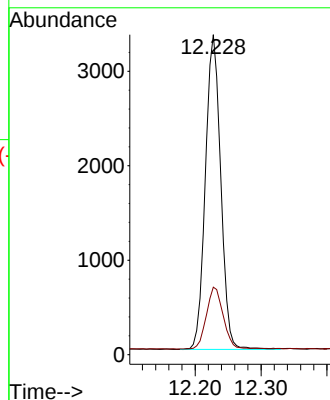
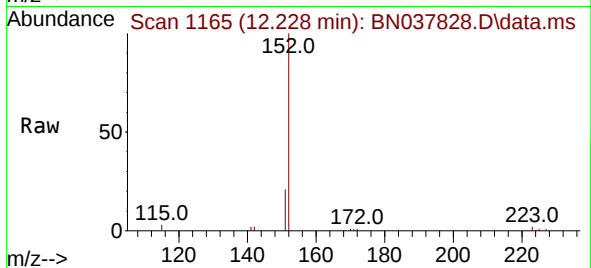
ClientSampleId :

Tgt Ion:152 Resp: 5369

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1457

Delta R.T. -0.011 min

Lab File: BN037828.D

Acq: 19 Sep 2025 23:26

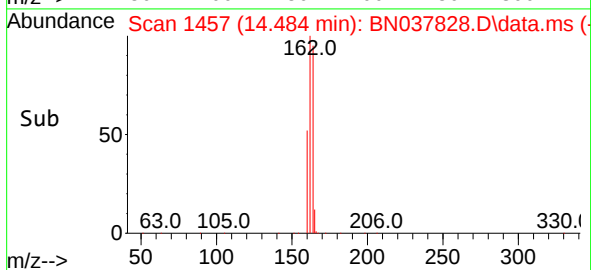
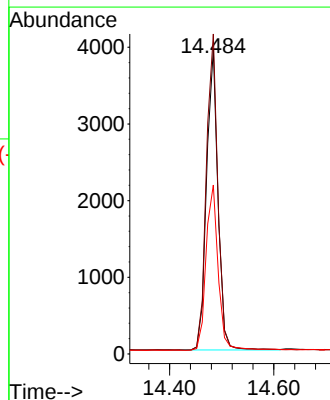
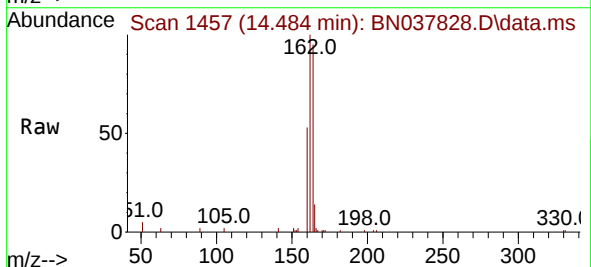
Tgt Ion:164 Resp: 5937

Ion Ratio Lower Upper

164 100

162 105.1 83.1 124.7

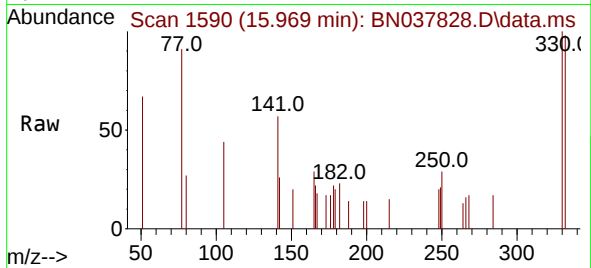
160 55.5 44.3 66.5



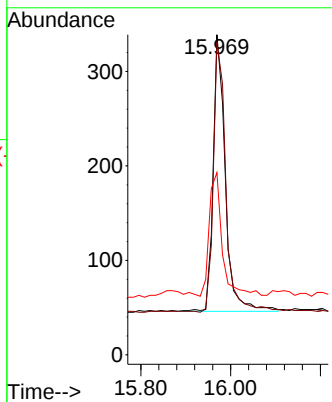
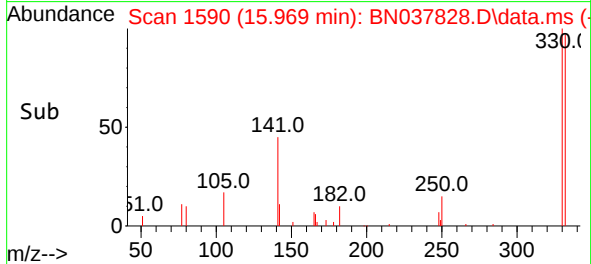


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

Instrument :
BNA_N
ClientSampleId :

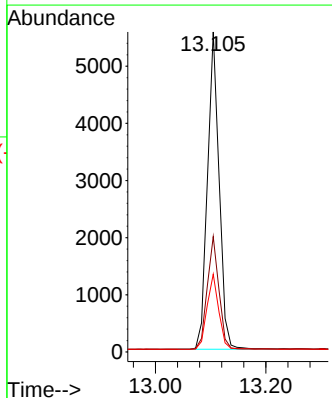
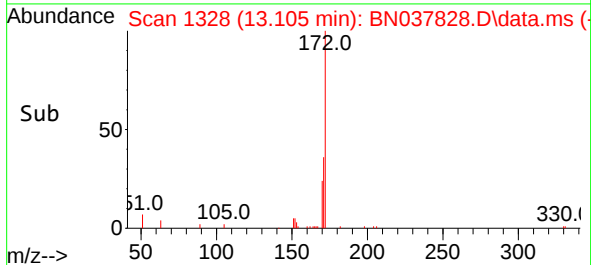
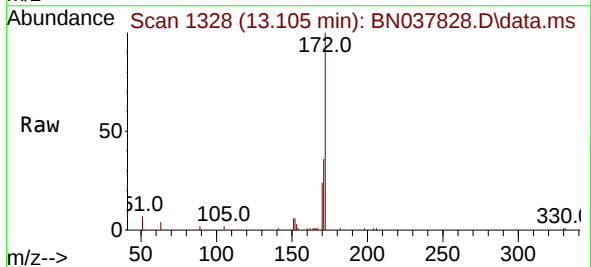


Tgt Ion:330 Resp: 549
Ion Ratio Lower Upper
330 100
332 99.3 75.3 112.9
141 46.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

Tgt Ion:172 Resp: 8181
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.8 29.8

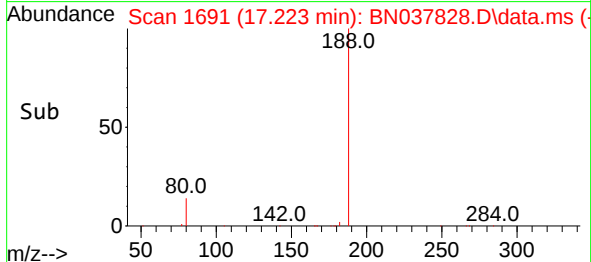
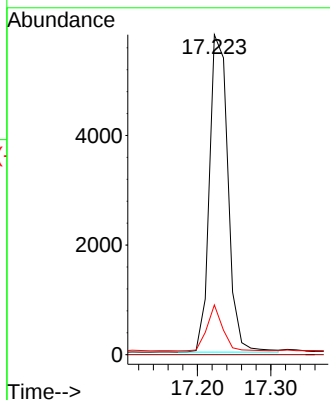
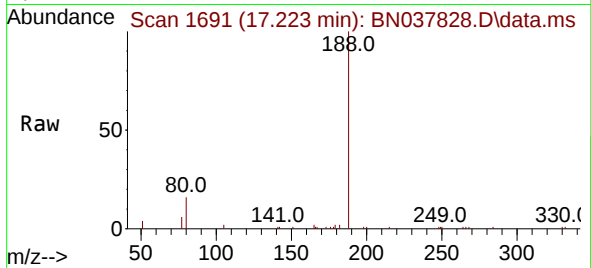




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

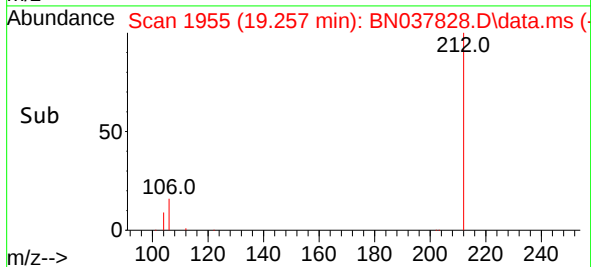
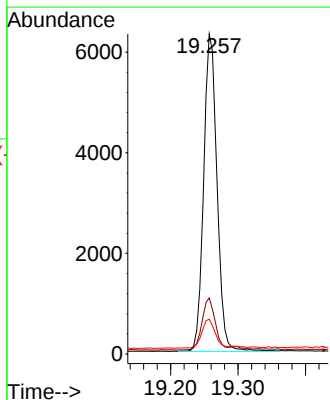
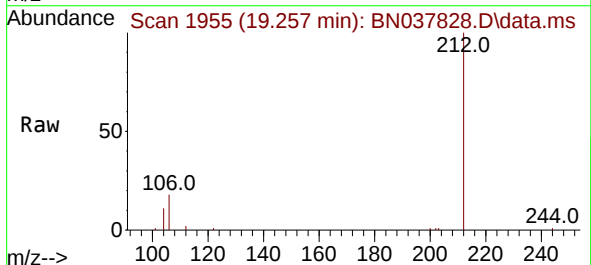
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BNA_N
ClientSampleId :

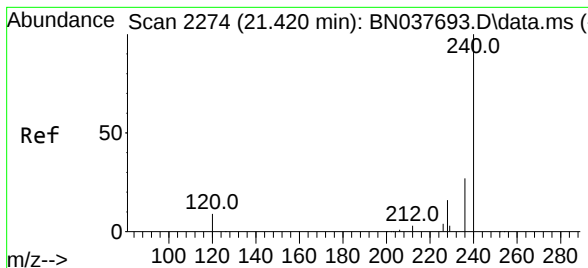
Tgt Ion:188 Resp: 10146
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037828.D
Acq: 19 Sep 2025 23:26

Tgt Ion:212 Resp: 8661
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 9.3 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN037828.D

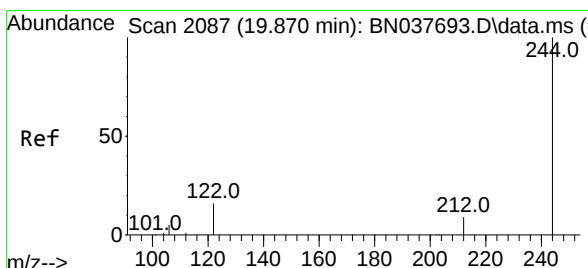
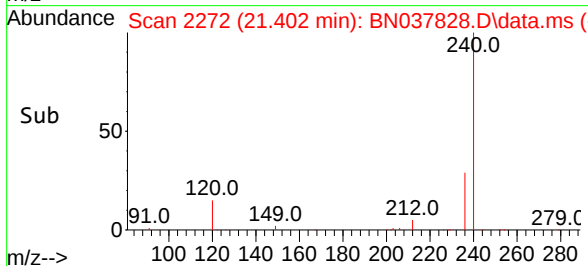
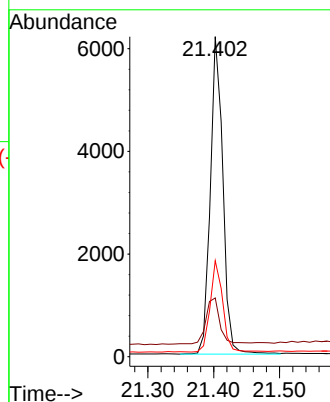
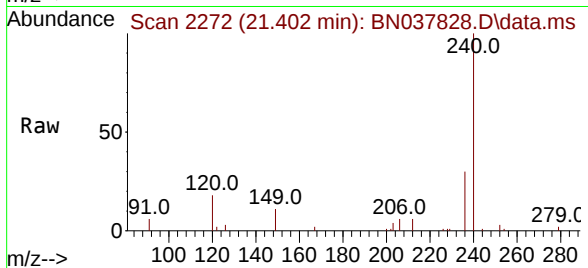
Acq: 19 Sep 2025 23:26

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:240	Resp:	8206
Ion Ratio	Lower	Upper
240	100	
120	18.3	9.2 13.8#
236	30.0	22.6 33.8



#31

Terphenyl-d14

Concen: 0.385 ng

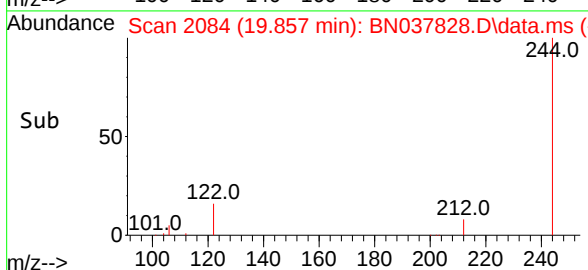
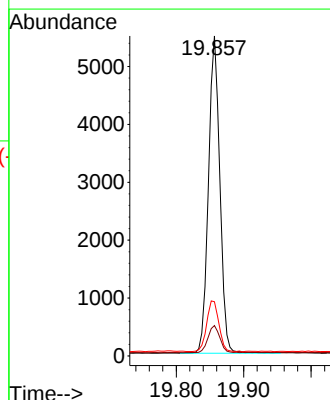
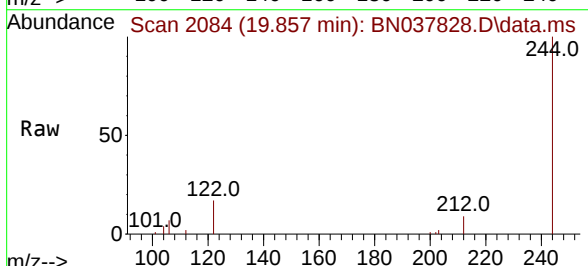
RT: 19.857 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037828.D

Acq: 19 Sep 2025 23:26

Tgt Ion:244	Resp:	6418
Ion Ratio	Lower	Upper
244	100	
212	9.5	7.5 11.3
122	17.0	13.2 19.8

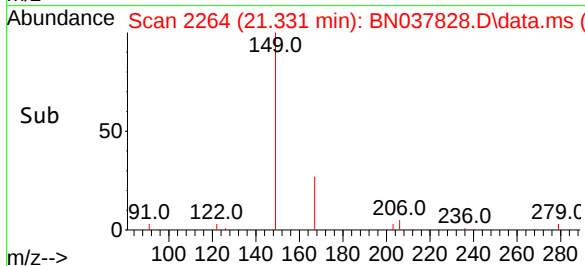
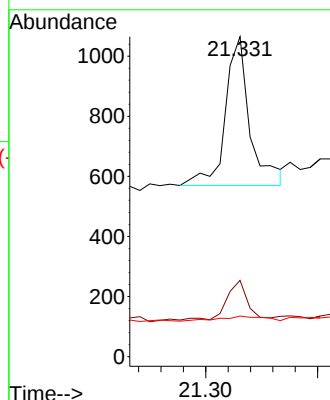
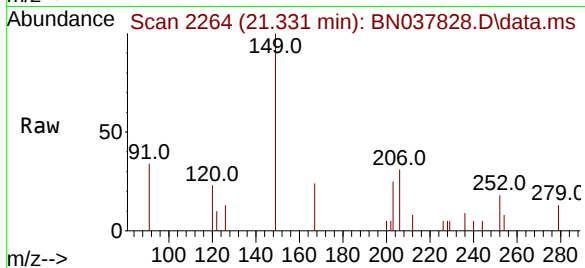




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.331 min Scan# 21331
 Delta R.T. -0.018 min
 Lab File: BN037828.D
 Acq: 19 Sep 2025 23:26

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 753
 Ion Ratio Lower Upper
 149 100
 167 22.6 20.8 31.2
 279 6.2 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.733 min Scan# 2838
 Delta R.T. -0.020 min
 Lab File: BN037828.D
 Acq: 19 Sep 2025 23:26

Tgt Ion:264 Resp: 7941
 Ion Ratio Lower Upper
 264 100
 260 28.2 21.8 32.8
 265 92.1 39.4 59.2#

